

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

ATTORNEY DOCKET NO.

0171-1277PUS1

PLEASE NOTE:  
YOU MUST  
COMPLETE THE  
FOLLOWING: ↓**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT AND DESIGN APPLICATIONS**

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title: → SULFOXYALKYLTHIOPHENE AND PROCESS FOR PRODUCING THE SAME  
the specifications of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:

Fill in Appropriate Information - For Use Without Specification Attached: →  
the specification was filed on \_\_\_\_\_ as  
United States Application Number \_\_\_\_\_;  
and amended on \_\_\_\_\_ (if applicable); and/or  
the specification was filed on November 17, 2004 as PCT  
International Application Number PCT/JP2004/017063; and was  
amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Insert Priority Information: (if appropriate) →	Prior Foreign Application(s)			Priority Claimed	
	<u>2003-411124</u> (Number)	<u>Japan</u> (Country)	<u>12/10/2003</u> (Month / Day / Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	_____ (Number)	_____ (Country)	_____ (Month / Day / Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	_____ (Number)	_____ (Country)	_____ (Month / Day / Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	_____ (Number)	_____ (Country)	_____ (Month / Day / Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Insert Provisional Application(s): (if any) → I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed more than 12 months (6 months for designs) Prior to the Filing Date of this Application:

Insert Requested Information: (if appropriate) →	Country	Application Number	Date of Filing (Month / Day / Year)
	_____	_____	_____
	_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S. Application(s): (if any) →	(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
	_____	_____	_____
	_____	_____	_____

I hereby appoint the practitioners at **CUSTOMER NO. 02292** as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

**BIRCH, STEWART, KOLASCH & BIRCH, LLP** or **CUSTOMER NO. 02292**  
P.O. Box 747 • Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

PLEASE NOTE:  
YOU MUST  
COMPLETE THE  
FOLLOWING: ↓

Full Name of First or  
Sole Inventor:  
Insert Name of Inventor  
Insert Date This  
Document is Signed

Insert Residence  
Insert Citizenship

Insert Mailing  
Address

Full Name of Second  
Inventor, if any:

see above

Full Name of Third  
Inventor, if any

see above

Full Name of Fourth  
Inventor, if any

see above

Full Name of Fifth  
Inventor, if any

see above

GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Hideo	SUZUKI	<i>Hideo Suzuki</i>	March 28, 2006
Residence (City, State & Country)		CITIZENSHIP	
Funabashi-shi, Chiba, Japan		Japanese	
MAILING ADDRESS (Complete Street Address including City, State & Country)			
c/o Chemical Research Laboratories, NISSAN CHEMICAL INDUSTRIES, LTD., 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 Japan			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)			

\* DATE OF SIGNATURE

IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICANT:

NISSAN CHEMICAL INDUSTRIES, LTD.

FOR:

SULFOXYALKYLTHIOPHENE AND PROCESS FOR PRODUCING  
THE SAME

D E C L A R A T I O N

Honorable Commissioner of Patents  
Washington, D.C. 20231

Sir,

I, Takashi Kojima, a patent attorney of Ginza  
Ohtsuka Bldg., 2F, 16-12, Ginza 2-chome, Chuo-ku, Tokyo,  
Japan do hereby solemnly and sincerely declare:

1) THAT I am well acquainted with Japanese language  
and English language;

2) THAT the attached is a full, true and faithful  
translation into English made by me of the PCT application  
of which number is PCT/JP2004/017063, filed in Japan  
on the 17 November 2004.

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3) THAT I declare further that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issued thereon.

AND I being sworn state that the facts set forth above are true.

Dated this 2<sup>nd</sup> day of May 2006

  
Takashi KOJIMA